

WHAT IS CLAIMED IS:

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1. An image processing apparatus comprising:  
means for receiving image data from a source of image data supply;  
image processing means for performing necessary image processing on the received image data to produce output image data;  
display means for displaying an image carried by the image data supplied from said source of image data supply;  
designating means for designating at least one principal part of the image displayed by said display means; and  
setting means for setting image processing conditions in accordance with said at least one principal part of the image designated by said designating means;  
wherein said image processing means performs said necessary image processing under said image processing conditions set by said setting means.

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2. The image processing apparatus according to claim 1, wherein said designating means comprises a mouse or a keyboard to designate at least one point of said image displayed by said display means.

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3. The image processing apparatus according to claim 1, wherein said designating means comprises a light pen to designate at least one point of said image displayed by said display means and said display means is a display for inputting with said light pen.

4. The image processing apparatus according to claim 1, wherein said designating means comprises a touch panel.

5. The image processing apparatus according to claim 1, wherein said designating means comprises means for obtaining shooting information of camera corresponding to said image data supplied from said source of image data supply.

6. The image processing apparatus according to claim 1, wherein said designating means comprises means for inputting a position of at least one point of said image displayed by said display means by an operator's line of vision.

7. The image processing apparatus according to claim 1, wherein said designating means comprises point designating means for designating at least one point in said at least one principal part, and extracting means for automatically extracting said at least one principal part based on an

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information about said at least one point in said at least one principal part designated by said point designating means, and said setting means sets the image processing conditions in accordance with a region containing said at least one principal part extracted by said extracting means.

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8. The image processing apparatus according to claim 2, wherein said extracting means automatically extracts said region containing said at least one principal part in view of image continuity, in accordance with said information about said at least one point in said at least one principal part designated by said point designating means.

9. The image processing apparatus according to claim 1, wherein said at least one principal part of said image comprises a plurality of principal parts and said point designating means is of a type that designates one point in one of said plurality of principal parts and said extracting means automatically extracts at least one other principal part in said plurality of principal parts, based on said information about said one point in said one principal part designated by said point designating means.

10. The image processing apparatus according to claim 4, wherein said extracting means automatically extracts the region containing the thus designated one principal part

and the region containing at least one other principal part in said plurality of principal parts in view of said image continuity, based on said information about said one point in said one principal part designated by said point designating means.

11. The image processing apparatus according to claim 1, wherein said display means is of a type that displays the image as it is divided into a plurality of regions and said designating means is of a type that designates at least one of the thus divided plurality of regions and said setting means sets the image processing conditions in accordance with the thus designated at least one region.

12. The image processing apparatus according to claim 1, wherein said display means is of a type that also displays said at least one principal part designated by said designating means and which further includes modifying means that modifies said at least one principal part displayed by said display means.

23. The image processing apparatus according to claim 7,  
wherein said display means is of a type that also displays  
at least one of said at least one principal part having one  
point designated by said point designating means and said  
at least one principal part automatically extracted by said

extract means, and which further includes modifying means that modifies said at least one principal part displayed by said display means.

13 and 14. The image processing apparatus according to claim 8, wherein said display means is of a type that also displays the region of said at least one principal part automatically extracted by said extract means and which further includes modifying means that modifies the region containing said at least one principal part displayed by said display means.

15. The image processing apparatus according to claim 9, wherein said display means is of a type that also displays at least one of said one principal part having one point designated by said point designating means, and at least one other principal part in said plurality of principal parts automatically extracted by said extract means, and which further includes modifying means that modifies the region containing said at least one of said plurality of principal parts displayed by said display means.

Sub 16. The image processing apparatus according to claim 10, wherein said display means is of a type that also displays at least one of the region containing the thus designated one principal part and the region containing at least one

other principal part in said plurality of principal parts and which further includes modifying means that modifies the region containing said at least one principal part displayed by said display means.

17. The image processing apparatus according to claim 1, wherein said image processing means performs at least one image processing selected from the group consisting of sharpness enhancement, dodging, contrast correction and color modification as said necessary image processing.